

CLAIMS

1. A method of accessing content of a message, comprising:
defining a context object for a message, the object being an abstraction of
content of the message;

5 assigning the context object to one or more interfaces through which the
message is to be communicated; and

accessing, via the context object, the content of the message at one of the
interfaces.

10 2. A method in accordance with claim 1, wherein accessing the some
content includes accessing application data associated with the context object.

3. A method in accordance with claim 1, wherein the context object
includes a name and a namespace.

15 4. A method in accordance with claim 1, further comprising storing
the context object in a repository accessible by a runtime engine to communicate with the
one or more interfaces.

20 5. A method in accordance with claim 4, wherein storing the context
object includes storing a name and a namespace associated with the context object.

25 6. A message exchange system, comprising:
one or more message interfaces, through which messages are received
from a sender or sent to one or more receivers;
a repository storing a plurality of context objects, wherein each context
object is an abstraction of content of a message, and wherein each context object is
assigned to at least one of the one or more interfaces to facilitate access to content of the
messages communicated through the message interfaces.

7. A system in accordance with claim 6, wherein each content object in the integration repository includes a name and a namespace.

5 8. A system in accordance with claim 6, further comprising a directory that stores a plurality of routing rules for routing messages between a sender and one or more receivers through one or more message interfaces.

10 9. A system in accordance with claim 8, wherein the context objects are assigned to the one or more interfaces according to one or more business processes stored in the directory.

10 10. A system in accordance with claim 9, further comprising an integration server for executing the one or more business processes.

15 11. A computer program product, comprising:
a message exchange computer; and
computer program code configured to:
define a context object for a message, the object being an abstraction of content of the message;
assign the context object to one or more interfaces through which the message is to be communicated; and
access, via the context object, the content of the message at one of the interfaces.

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25 12. A computer program product in accordance with claim 11, wherein accessing the some content includes accessing application data associated with the context object.

30 13. A computer program product in accordance with claim 11, wherein the context object includes a name and a namespace.

14. A computer program product in accordance with claim 11, further comprising storing the context object in a repository accessible by a runtime engine to communicate with the one or more interfaces.

5 15. A computer program product in accordance with claim 14, wherein storing the context object includes storing a name and a namespace associated with the context object.

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